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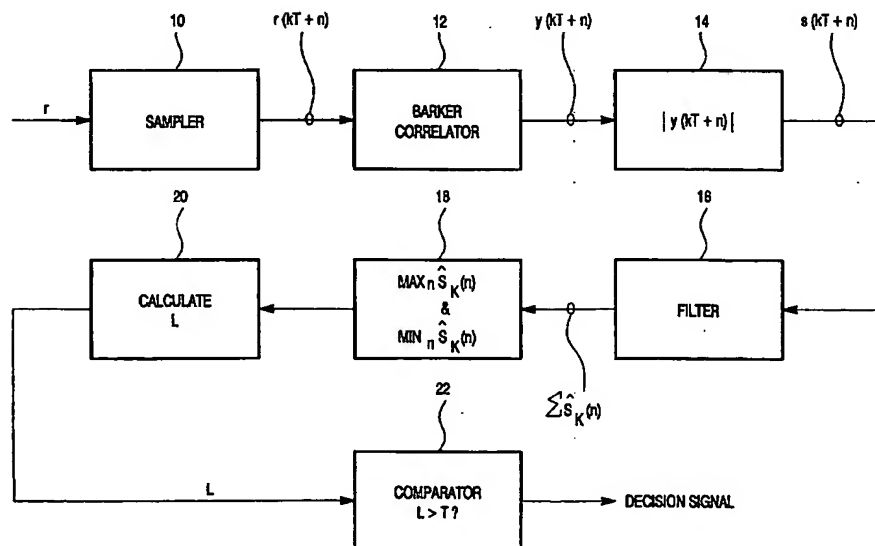
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- (71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**;  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventor; and  
(75) Inventor/Applicant (for US only): **KOPPELAAR, Arle, G., C. [NL/NL]**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) Agent: **ELEVELD, Koop, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: **BARKER CODE DETECTOR**



(57) Abstract: Apparatus for determining whether or not a received data sequence is Barker spreaded, comprising sampling means (10) for sampling the received sequence, a Barker correlator (12), means (14) for determining the magnitude of the correlation result, filter means (16) for filtering the correlation results to create a data set consisting of the correlation result of K subsequent data bits, where K is a quality parameter and comprises an integer greater than 1, means (20) for deriving a parameter L by determining the difference between a maximal correlation result and a minimal correlation result normalized by the minimal correlation result, and means (22) for comparing L with a predetermined threshold value to determine if the received signal is a Barker spreaded sequence.



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